

Notice of Allowability

Application No.

09/607,790

Examiner

Charles Chow

Applicant(s)

STUMPERT, MARTIN

Art Unit

2685

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/21/2005.
2. ☒ The allowed claim(s) is/are 1-28.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☒ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Detailed Action
(Response to RCE received on 1/21/2005)

1. Applicant has amended all other independent claims, 1, 11, 27, based upon the features in previously allowed claim 18 (page 8 of amendment), and this application case claims benefit of the continuation from provisional application 60/148,694, 8/16/1999. Claims 1, 11, 27 of this application contains features for the **narrow band N-ISDN network, the reserving a logical point in at least on media gateway MGW**, which is distinct from applicant/assignee's claims 15, 20 in their patent US 6,832,088 B1, **having one control node transferring of address for MGW in reverse direction to the preceding control nodes**. Applicant has included patent US 6,832,088 B1 into this application in the supplemental amendment 2/9/2005.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance:

Claims 1-28 are allowable over the prior art of record, the prior art fails to teach singly, particularly, or in combination, the subject matter, the at least one MGW including plural logical points for connecting plural MGW resources for handling the user plane of the call, the at least one MGW being adapted to identify one of the logical points to node of the control nodes in response to a request for resources from the one of the plurality of control nodes; the reserving a logical point in the at least one media gateway and communicating with the media gateway to setup bearer control for the call, for the method of setting up call in wireless communication network, receiving a service request for a call at one of the plurality of call control nodes in wireless communication network; wherein the network is a narrow band N-ISDN network, with the call control and bearer control are

separated; and the selecting at least **one media gateway to switch a user plane** for handling call depending one of origin of call, destination of call and required service of the call (claims 1, 11, 18, 27). The dependent claims are also allowable due to their dependency upon the independent claims.

The closest patent to **Vikberg et al.** (US 2004/0114,570 A1) teaches the N-ISDN, narrowband telephone service through broadband network BN 1125 (Fig. 11), having the ISDN terminal 324O-I, 324 D-I (Fig. 3), and the PSTN/ISDN node 330₁, 330₂, [0068-0070] with the separated call control 1820 and the media control 1840 (Fig. 20A, Fig. 4, Fig. 21/23, [0114, 0166]), the media gateway controller MGC controls and instructs the selected media gateway MG to setup call and bearer using optimum route [0192], abstract), the reserved media control entity in MG including IP-address, UDP port in [0172]). **Vikberg et al.** fail to teach the wireless N-ISDN, the at least one MGW including plural logical points for connecting plural MGW resources for handling the user plane of the call, the at least one MGW being adapted to identify one of the logical points to node of the control nodes in response to a request for resources from the one of the plurality of control nodes; the reserving a logical point in the at least one media gateway.

Other prior arts in below has been considered, but they fail to teach the above claimed features.

Havinis et al. (US 2003/0202,521 A1) teaches the mobile H.324 network PLMN 210 is an ISDN network [0004-0008], having the attribute 120 and B-number in a message for negotiating the link capability and the multi-media coding between different nodes, in order to select a media gateway MG for a call connection control (abstract, [0009, 0017-0020], Fig.

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2-5, [0027-0028, 0007-0009]. Havinis et al. fail to teach the at least one MGW including plural logical points for connecting plural MGW resources for handling the user plane of the call, the at least one MGW being adapted to identify one of the logical points to node of the control nodes in response to a request for resources from the one of the plurality of control nodes; the reserving a logical point in the at least one media gateway.

Valentine et al. (US 6,353,607 B1) teaches a mobile switching center MSC communicates the IP address of the selected media gateway (74 or 76) for handover (abstract; col. 1, lines 4-9; col. 1, line 60 to col. 2, line 3), the transmitting of a request for IP network address from second MSC to a corresponding media gateway, and the transmitting of IP address from the second MSC to first MSC (col. 1, lines 61-67), the first MSC transmitting the control message to media gateway MG to redirect call (col. 2, lines 1-4). Valentine et al. fail to teach the at least one MGW including plural logical points for connecting plural MGW resources for handling the user plane of the call, the at least one MGW being adapted to identify one of the logical points to node of the control nodes in response to a request for resources from the one of the plurality of control nodes; the reserving a logical point in the at least one media gateway.

Rune (US 6,038,439) teaches the charging agreement of a telephone call connection having different charging agreement pointers P1a/b, P2a/b (Fig. 2, Fig. 4, abstract, col. 5, lines 60-65; col. 6, lines 32-39; col. 9, lines 23-31; col. 9, lines 44-48). However, this Rune's Patent belongs to assignee Ericsson.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

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issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Chow whose telephone number is (703)-306-5615.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (703)-305-4385. Any response to this action should be mailed to:

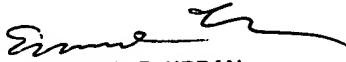
Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to: (703) 872-9306 (for Technology Center 2600 only), or Hand-delivered responses should be brought to 220 South 20th Street, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202 (Customer Window). Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Charles Chow *C.C.*

February 8, 2005.


EDWARD F. URBAN
SUPERVISOR/PATENT EXAMINER
TECHNOLOGY CENTER 2600